

What is Claimed is :

1. Electric motor unit of a motor vehicle containing a wiper blade carrier plate, that presents, first, a brass insert and, second, a radiator, characterized by the plate presenting a plastic over-molding that surrounds the insert and the radiator.
2. Motor unit according to specification 1, characterized by the over-molding presenting a partition which, on the plate, separates in a watertight manner, a zone designed to receive the electronic card from the wiper blade zone.
3. Motor unit according to specification 2, characterized by containing, in addition, a lid designed to close the zone that is delineated by the peripheral over-molding and the partition and which receives the electronic card, the edge of the over-molding defining a watertight plane for the lid.
4. Motor unit according to specification 3, characterized by the separating partition containing the means to allow removal of condensation in the said zone.
5. Motor unit according to one of the preceding specifications, characterized by the brass insert being directly soldered to the printed circuit card and to the power components.
6. Motor unit according to one of the preceding specifications, characterized by the over-molding presenting casings designed to receive the electronic card, the components of this card, and/or the components of the plate.
7. Motor unit according to one of the preceding specification, characterized by the over-molding presenting elastic attachment leads designed to work with complimentary forms that present the case.
8. Motor unit according to specification 7, characterized by the elastic leads and the complimentary forms being started again in such a way as to limit the relative position of the plate and the case.
9. Motor unit according to one of the preceding specifications, characterized by the over-molding having the means for the passage of wires designed to power the brass insert.
10. Motor unit according to specification 9, characterized by the over-molding containing the means of allowing implantation of a connecting module designed to power the insert and the electronic controls and allowing the connection towards the exterior by a complimentary connector.

- 1 11. Electric motor unit for a motorized fan group used in the heater and/or fan and/or air  
2 conditioning of a motor vehicle, characterized by being made up of a motor unit according to one of the  
3 preceding specifications.

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